Serial No. 10/519,372

Art Unit: 1615

CLAIM AMENDMENTS

- (currently amended) A method for the topical treatment of ectoparasites, their nymphs, and their eggs, on mammalian skin and hair comprising the steps of:
 - A) applying a water soluble or water-dispersible, <u>substantially air-impermeable</u>, pharmacologically acceptable <u>barrier</u> composition containing at least one pesticidally-active monohydric aralkyl alcohol to areas of mammal skin and hair infected with ectoparasites wherein
 - a) the composition contains a quantity in the range of from about 1 to about 50% by weight of the at least one monohydric aralkyl alcohol sufficient to provide pesticidal activity against the ectoparasites, their nymphs, and their eggs,
 - the composition is formulated so that when applied to the ectoparasites, the composition prevents them from obtaining air through their breathing apparatuses,
 - c) the composition is applied to the infected areas in a quantity sufficient to completely saturate both the hair and the skin in the infected areas, and
 - d) the composition can be readily washed out of the infected areas by rinsing with water, and
 - e) the composition is free from any effective pesticidally active

 compounds other than the at least one pesticidally-active

 monohydric aralkyl alcohol, and

- B) leaving the composition in contact with the skin and hair in the infected area until at least most of the ectoparasites, nymphs and eggs have been killed; and
- C) removing the composition, and the dead ectoparasites, and dead nymphs and eggs from the skin and hair with water or other aqueous based liquid.
- 2. (cancelled)
- (previously amended) The method of claim 1 wherein in step B) the composition
 is left in contact with the skin and hair for a period of at least about 2 minutes.
- (original) The method of claim 3 wherein the composition is left in contact with the skin and hair for a period of at least about 3 minutes.
- 5. (original) The method of claim 3 wherein the composition is left in contact with the skin and hair for a period of at least about 5 minutes.
- (original) The method of claim 3 wherein the period is from about 2 minutes to about 10 minutes.
- 7. (original) The method of claim 3 wherein the composition is left in contact with the skin and hair for a period of from about 3 minutes to about 9 minutes.

8. (previously amended) The method of claim 1 wherein in step A) the at least one monohydric aralkyl alcohol has the formula:

$$\mathbb{R}^{1}$$
 \mathbb{R}^{2} \mathbb{R}^{2}

wherein R is a C_1 - C_{12} straight or branched chain, saturated or olefinically unsaturated alkylene group, and R^1 and R^2 are independently selected from the group consisting of hydrogen, halogen, C_1 - C_4 alkyl, and C_1 - C_4 alkoxy groups.

- (original) The method of claim 8 wherein in formula (I) R is a C₁-C₆ saturated alkylene group.
- 10. (cancelled)
- 11. (original) The method of claim 1 wherein the mammal is a human being.
- 12. (cancelled)
- 13. (original) The method of claim 1 wherein the composition is in the form of a water-containing gel.
- 14. (cancelled)
- 15. (original) The method of claim I wherein the method steps are carried out once, and then again after a time interval.
- 16. (original) The method of claim 15 wherein the time interval ranges from about 1 week to about 3 weeks.

- 17. (cancelled)
- 18. (previously amended) The method of claim 1 wherein step C) is carried out by rinsing with water.
- 19. (cancelled)
- 20. (previously amended) The method of claim 1 wherein the composition in step A) also contains at least one of the following additional components:
 - a film forming agent,
 - a surface active agent,
 - a gelling or thickening agent.
- (original) The method of claim 20 wherein the composition contains all of said additional components.
- 22. (currently amended) The method of claim 1 wherein the composition in step A) contains from about 1% to about 20% by weight of the at least one monohydric aralkyl alcohol, based on the weight of the composition.
- 23. (previously amended) The method of claim 1 wherein the composition in step A) contains from about 2 to about 20% by weight of at least one monohydric arallyl alcohol.
- 24. (previously amended) The method of claim 1 wherein the composition in step A) contains from about 2 to about 9% by weight of at least one monohydric aralkyl alcohol.

- 25. (previously amended) The method of claim 1 wherein the composition in step A) contains from about 3 to about 7% by weight of at least one monohydric aralkyl alcohol.
- 26. (previously amended) The method of claim 1 wherein the composition in step A) contains from about 4 to about 6% by weight of at least one monohydric aralkyl alcohol.
- 27. (cancelled)
- 28. (cancelled)
- 29. (cancelled)
- 30. (cancelled)
- 31. (cancelled)
- 32. (cancelled)
- 33. (previously amended) The method of claim 1 wherein step C) is carried out for from about 1 to about 5 minutes.
- 34. (previously amended) The method of claim 1 wherein step C) is carried out for from about 1 to about 3 minutes.
- 35. (previously amended) The method of claim 1 wherein more than 95% of the ectoparasites are killed.
- 36. (previously amended) The method of claim 35 wherein more than 99% of the ectoparasites are killed.
- 37. (cancelled)
- 38. (cancelled)

- 39. (cancelled)
- 40. (cancelled)
- 41. (cancelled)
- 42. (cancelled)
- 43. (cancelled)
- 44. (cancelled)
- 45. (new) A method for the topical treatment of lice, their nymphs, and their nits on mammalian skin and hair comprising the steps of:
 - A) applying a water soluble or water-dispersible, substantially airimpermeable pharmacologically acceptable composition containing benzyl
 alcohol to areas of mammal skin and hair infected with lice wherein
 - a) the composition contains a quantity in the range of from about 1 to about 50% by weight of benzyl alcohol sufficient to provide pesticidal activity against the ectoparasites, their nymphs, and their eggs,
 - the composition is formulated so that when applied to the lice, the composition prevents them from obtaining air through their spiracles,
 - c) the composition is applied to the infected areas in a quantity sufficient to completely saturate both the hair and the skin in the infected areas,

Serial No. 10/519,372

Art Unit: 1615

- the composition can be readily washed out of the infected areas by rinsing with water,
- e) the composition is free from any effective pesticidally active compounds other than benzyl alcohol, and
- B) leaving the composition in contact with the skin and hair in the infected area until at least most of the lice, nymphs, and nits have been killed; and
- C) removing the composition and the dead lice and nymphs from the skin and hair with water or other aqueous based liquid.
- 46. (new) The method of claim 45 wherein the mammalian skin and hair is human skin and hair.
- 47. (new) The method of claim 45 wherein in step B) the composition is left in contact with the skin and hair for a period of from about 2 minutes to about 10 minutes.
- 48. (new) The method of claim 45 wherein the method steps are carried out once, and then again after a time interval.
- 49. (new) The method of claim 48 wherein the time interval ranges from about 1 week to about 3 weeks.
- 50. (new) The method of claim 45 wherein the lice are head lice.
- 51. (new) The method of claim 45 wherein step C) is carried out by rinsing with water.
- 52. (new) The method of claim 45 wherein the composition is in the form of a water-containing gel.

Serial No. 10/519,372

Art Unit: 1615

- 53. (new) The method of claim 45 wherein the composition in step A) also contains at least one of the following additional components:
 - a film forming agent,
 - a surface active agent,
 - a gelling or thickening agent.
- 54. (new) The method of claim 53 wherein the composition contains all of said additional components.
- 55. (new) The method of claim 45 wherein the composition in step A) contains from about 1% to about 20% by weight of benzyl alcohol, based on the weight of the composition.
- 56. (new) The method of claim 45 wherein the composition in step A) contains from about 2 to about 20% by weight of benzyl alcohol.
- 57. (new) The method of claim 45 wherein the composition in step A) contains from about 2 to about 9% by weight of benzyl alcohol.
- 58. (new) The method of claim 45 wherein the composition in step A) contains from about 3 to about 7% by weight of benzyl alcohol.
- 59. (new) The method of claim 45 wherein the composition in step A) contains from about 4 to about 6% by weight of benzyl alcohol.
- 60. (new) The method of claim 45 wherein more than 95% of the lice are killed.
- 61. (new) The method of claim 45 wherein more than 99% of the lice are killed.
- 62. (new) The method of claim 45 wherein in step B) the composition is left in contact with the skin and hair for a period of at least about 2 minutes; the lice are bead lice; and the mammalian skin and hair is that of a human being.

63. (new) The method of claim 62 wherein the composition in step A) also contains at least one of a film forming agent, a surface active agent, and a gelling or thickening agent.